

DEPARTMENT REPORT

OCTOBER, 2016

DIRECTOR'S OFFICE

The Department submitted its application documentation to the Public Health Accreditation Board on October 7, 2016.

The Employee Relations Committee hosted a Staff Appreciation Luncheon for all Health Department staff on Friday, October 28, 2016.

The Lincoln Lancaster County Air Pollution Regulations and Standards regarding fee revisions were forwarded to the Lincoln City Council and Lancaster County Commissioners for review and approval. The revisions were approved by the Board of Health and the Air Pollution Control Advisory Board in September.

The Health Director and Community Health Services Division Manager attended meetings with People's Health Center and Lutheran Family Services Health 360 Clinic staff regarding the Department's Refugee Program and General Assistance Program.

The Health Director attended the Tabitha Foundation's Annual Meeting, the Lincoln Public School's Medical Advisory Committee Meeting and a Friends of Public Health & Nebraska Association of Local Health Director's Meeting.

The Health Director attended a meeting with local health directors and State Senator Sara Howard and State Senator Sue Crawford regarding the Health Care Cash Fund.

The Health Director attended the University of Nebraska Medical Center's College of Public Health accreditation site visit via conference call.

The Health Department hosted the Tobacco Free Campus Policy Summit for area colleges, universities and businesses interested in learning more about tobacco-free policies on October 20, 2016. A seven member panel shared information on why they implemented the policy and the steps that were taken to implement the policy.

The Health Director attended the groundbreaking ceremony for Monolith Manufacturing's plant in Hallam on October 20, 2016. Monolith is partnering with Nebraska Public Power District and will build at the \$50 million plant next door to NPPD's Sheldon Station that will produce carbon black. As part of this partnership, NPPD is converting one of its coal fired burners at the plant to burn hydrogen. Monolith will use electricity to extract the carbon from natural gas. By-products of the process are hydrogen and water and Monolith will sell the hydrogen produced to NPPD as fuel for their plant.

ANIMAL CONTROL

Animal Control Statistics

	Sep 14	Sep 15	Sep 16
Pet Licenses Sold	4848	5191	4670
Cases Dispatched	1731	2596	2359
Investigation	1910	2760	2581
Animals Impounded			
Dogs	132	125	126
Cats	140	100	161
Court Citations Issued	28	39	32
Warnings/Defects Issued	689	2102	1655
Bite Cases Reported	49	35	41
Attack Cases Reported	8	2	3
Dogs Declared Pot. Dangerous	8	3	9
Dangerous Dogs	2	1	2
Animal Neglect Investigations	70	75	79
Injured Animal Rescue	98	93	85
Wildlife Removal	43	75	71
Dead Animal Pickup	215	175	192
Lost and Found Reports	215	213	189
Phone Calls	4164	4660	3729
Average Response Time (in mins)	33	15	19

Animal Control Officers will be participating in a one and one half day training session. The training will focus on Officer Safety and Self Defense, Safe Handling of Aggressive and Dangerous Dogs, and Bitestick Certification. The training will be done by Animal Control Training Services (ACTS) at the Health Department. The ACTS program is nationally known and endorsed by the National Animal Control Association.

Animal Control will go “live “with the new Animal Control dispatch and field operations software on November 16th. All Animal Control staff will be trained during the week of November 14th – 18th.

Animal Control staff attended the Capital Humane Society Annual “Tails and Ties” dinner on October 28th.

Animal Control pet license sales increased a little over 2% from last year. Our goal is to achieve a 3% increase over last year.

COMMUNITY HEALTH SERVICES

National Advisory Council

Congratulations to Corrine Jarecke who was selected as a member of the Healthy Families America National Advisory Council (NAC)! The NAC serves in an advisory capacity with the HFA National Office in an effort to strengthen and develop a national HFA network and to assure the growth and sustainability of a comprehensive array of services for children and families through the Healthy Families America Model. Corrine will represent a local HFA program on NAC. She is certainly qualified to do so with over 15 years of home visiting experience.

Homeless Vaccination Efforts

Each year, Community Health Services staff offer flu vaccine to homeless and near homeless individuals who seek services at Project Homeless Connect-Lincoln, Matt Talbot Kitchen & Outreach, the Gathering Place, Clinic With A Heart, and at the Center for People in Need. Twenty two clinics have been planned thus far this flu season. Marj Determan & Ruth Shubert, Public Health Nurses, work closely with the schools of nursing to offer vaccine services at other sites as appropriate. These student projects fulfill two goals: protection for vulnerable populations and a valuable learning experience for students.

Community Health Services is a provider of the Adult Immunization Program, part of the federal program: Vaccines for Children. In addition to seasonal flu vaccine, immunizations available to uninsured and underinsured adults include; Tdap, Pneumonia, Hepatitis A, Hepatitis B, Human Papilloma Virus, Measles, Mumps & Rubella, Varicella & Meningococcal vaccines. These vaccines are offered in our outreach clinics to the homeless/near homeless along with seasonal flu protection.

Project Homeless Connect-Lincoln was the first homeless outreach vaccine clinic held this year on October 20. The initial estimate is that 373 people attended. We will have specific numbers of vaccines given in next month's report.

DENTAL HEALTH & NUTRITION

WIC

Caseload (Participation)

Total	4139
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Main	3094
Cornhusker Clinic	1045
%Enrolled with Benefits	86.2%

	LLCHD	State of Nebraska
Total Women	1021 (24.7%)	8785 (23.2%)
Total Children	2149 (51.9%)	20096(53.1%)
Total Infants	969(23.4%)	8976 (23.7%)
Infants Receiving Breastmilk	341 (35.2%)	2842 (31.6%)
Infants Exclusive Breastmilk	134 (13.8%)	1086 (12.0%)

Mentoring:

	(Number and school)
Students	UNL-CYF (1)
Interns	
Volunteers	
LMEP Residents	1

Our September caseload was 4139 participants. Our current average is 3861 participants per month, which is an **8.85%** increase from one year ago. We have also seen a **21%** increase in participation at our satellite clinic location at 27th and Cornhusker in the last year. We are very proud of our staff and all of their hard work this fiscal year!!

Dental Health

- Total number of clients served (unduplicated count): 541
- Total number of patient encounters (duplicated client count): 762
- Total number of patient visits (duplicated provider appointments/visits): 1058 (16.4% increase over Sept. 2015).
- Total number of Racial/Ethnic Minorities and White non-English speaking clients (Arabic, Kurdish and Russian): 414 (77%)
- Total number of clients with language barriers/need interpreter: 287 (53%)
- Total number of children served: 358 (66%)
- Total number of clients enrolled in Medicaid: 417 (77%)
- Number of clients served during Thursday evening hours (unduplicated count): 79
- Number of patient encounters during Thursday evening hours (duplicated client count): 85
- Number of patient visits during Thursday evening hours (duplicated provider appointments/visits): 133
- Total number of Racial/Ethnic and White Non-English speaking patients: 53 (67%)
- Total number of clients with language barriers/need interpreter: 24 (30%)
- Number of children served during Thursday evening hours: 76 (96%)
- Number of patients enrolled in Medicaid during Thursday evening hours: 66 (84%)

Community Based Dental Outreach Activities:

WIC Fluoride Varnish and Screening Program: Grant Contract ended August. Waiting to hear of continuation funding from the Nebraska Department of Health & Human Services.

- North WIC Office (27th & Cornhusker Highway): 0 children and parents
- LLCHD WIC Office: children and parent: 0 children and parents
- Educare: 0 Early Head Start children

Student Rotation Program:

- Southeast Community College Dental Assisting Student: 1

ENVIRONMENTAL PUBLIC HEALTH

Citywide Outcome: Environmental Quality Health Department

Program: [Water Quality](#)

Specific Program: [Private Water Wells](#)

Water Quality Goals (Purpose)

Protect human health by: preventing waterborne illness; preventing ground and surface water pollution; preventing illicit discharges; assuring Lincoln maintains compliance with its NPDES Stormwater Permit; and assuring new developments have adequate water and sewer.

Water Quality Indicator

Ensure all private wells used for potable water are tested annually for bacterial and Nitrate contamination and well owners/users are notified of the results within 7 days. In FY16, all private wells used for potable water were tested for both bacteria and Nitrate, and well owners were notified per policy.

Strategies/Methods (What we do)

- educate well owners on protecting groundwater from contamination
- investigate suspected waterborne illnesses
- issue permits
- conduct annual inspections and take water samples from potable wells within the City limits
- conduct inspections and take water samples from new or repaired wells within the 3-mile limit
- assure proper decommissioning of wells
- take enforcement actions

Funding/Source

Approximately 90% of the direct field costs for this program are funded through user/permit fees.

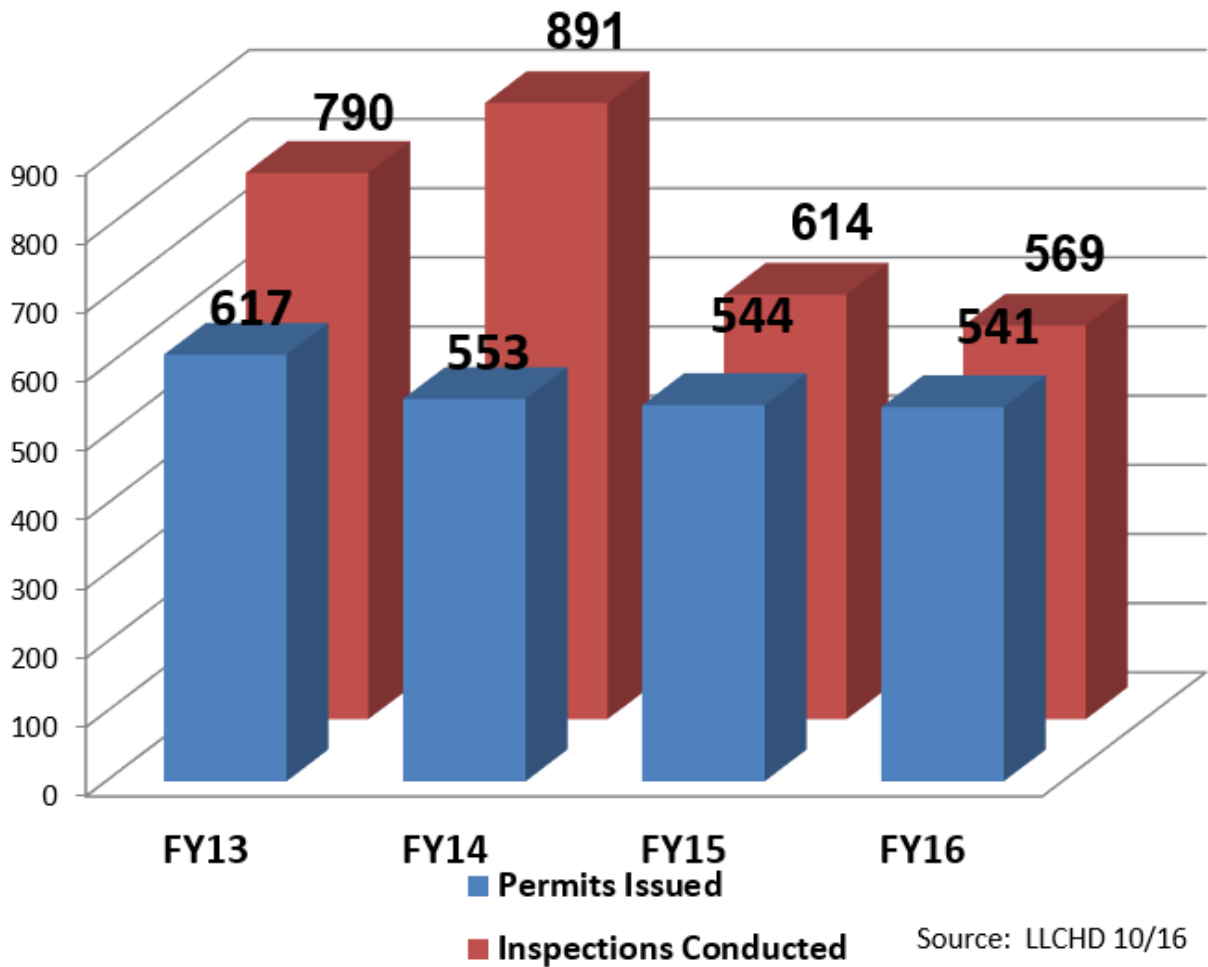
Water Well Data:

	FY13	FY14	FY15	FY16
Permits Issued	617	553	544	541
Inspections	790	891	614	471
Water Samples(4)	841	1343	936	778
% + Coliform	18%; 67 of 372	14.5%; 84 of 595	15.8% 65 of 412	12.1% 43 of 354
% + E. coli	2.7%; 10 of 372	1.5%; 9 of 595	1.5% 6 of 412	1.4% 5 of 354
% >= 10 ppm Nitrate	5.7%; 22 of 384	5.2%; 35 of 671	6.0% 27 of 450	6.3% 23 of 364

In FY 16, permits issued included:

- 504 renewal permits for wells located within the City of Lincoln,
- 6 first time permits for wells located within the City of Lincoln,
- 27 new construction well permits (most outside of the City within the 3-mile jurisdiction), and
- 4 for repairing an existing well.

Water Wells Lincoln-Lancaster County Health Department



Comparison

In FY16, 12.1% of water wells tested for bacterial contamination were found to have coliform bacteria, indicating contamination issues, 1.4% had E. coli, indicating fecal contamination. 6.3% of wells tested for Nitrate had levels which posed a known public health risk (>10mg/L). These results are consistent with past years. Contamination can be affected by weather conditions. Wet years tend to have more wells with coliform contamination. In FY16, fewer inspections were conducted and fewer water samples were collected due to a loss in staff and due to many irrigation wells not being operated. A new staff person was hired in late September. Many inspections of wells will be conducted in the first quarter of FY17. High numbers of inspections and sampling in FY14 were due to additional inspections and sampling in one specific area of

Lincoln as part of a collaborative project with NDEQ and a large number of inspections being conducted in the final quarter of FY14.

Description

Local ordinance requires all domestic wells (drinking water, irrigation, etc.) within the City and all new wells drilled within the 3-mile limit to hold a permit. In FY16, the permit fee for a newly drilled well was \$210, and the annual permit fee for a well in the City limits was \$125 (LMC 8.44). Over 50% of the just over 510 domestic water wells in the City are used for drinking water, and the majority of the rest are used for irrigation. All domestic wells in the City that are used for drinking water are inspected and tested for bacteria and Nitrate contamination annually. Each of the newly drilled potable water wells within the 3 mile limit were inspected and sampled for bacteria and Nitrate. Most irrigation wells are only tested for Nitrate. Water is one of the most common carriers of disease causing organisms and chemicals which present health risks. When properties with private wells are annexed into the City, the owners are allowed by right to retain their water well and not connect to the Lincoln Water System. Annexations increase the number of people required to obtain a City well permit.

Partnerships & Efficiencies

The Department works closely with the Nebraska Department of Health and Human Services (NDHHS) and the Lower Platte South Natural Resources District on groundwater issues. All waste samples are submitted to the NDHHS lab for analysis. The Department also works closely with the Planning Department and Public Works and Utilities on newly annexed areas to assure that people know how the well ordinance applies. A geographically referenced database has been created and Accela Automation holds all permit information.

HEALTH PROMOTION, DATA & EVALUATION

Injury Prevention

International Walk to School 2016 was conducted at Rousseau Elementary School on October 5th. 530 K-5th grade students participated in four interactive, educational stations addressing crosswalk safety and physical activity. Stations included: being safe around high profile vehicles (FedEx truck and LPS school bus); a Safer Journeys computer exercise on choosing safe routes and pedestrian safety behaviors; safely navigating a marked and signed crosswalk; and how to incorporate physical activity into a daily routine, including walking and biking to school. FedEx, the national sponsor for International Walk to School, provided all K-2nd grade students a Clifford Walks to School book and 3rd – 5th graders received The Adventures in Road Safety activity book. FedEx also supplied reflectors and rulers. Pre and post-tests showed that students' understanding of pedestrian safety did increase between the completion of the pre education survey and completion of the post education survey.



Staff presented child passenger safety tips to 30 Southeast Community College nursing students. Many of these students volunteer to participate in child passenger safety seat events to help scribe and assist the technicians.

Communicable Disease

The Department initiated active flu surveillance in October. Flu surveillance will run through the end of April 2017. The Department gathers flu data weekly from local laboratories, hospitals, more than twenty health-care provider practices, and from all public, parochial, and private schools in Lincoln and in Lancaster County. The weekly data allows us to assess flu activity in our community and provide information on flu activity to the local health-care provider community and the public.

Chronic Disease Prevention and Minority Health

Approximately 200 people attended the celebration event for the National Bike Challenge on October 7th. Trophies were distributed to the top three male and female riders as well as to the top team and corporation in Lincoln. Lincoln finished first overall among all cities and first in the cities with 200,000 plus population category while Nebraska finished first in the state competition. Mayor Beutler recognized all award winners and Lincoln's first place designation at a press conference held on October 6th.

INFORMATION & FISCAL MANAGEMENT

No Report.